



## The Water Resource Planning Process:

### How Tucson Water is creating a Long Range Water Resource Plan

**Will we have enough water for the future?** Will our children and their families be able to live in Tucson and have the same quality of life that we do? What will the quality of that water be? How much will it cost? What will be the impacts to our environment? Tucson Water is in the process of developing a Long Range Water Resource Plan that will help determine the answers to those questions.

This Long Range Water Resource Plan will guide our City's water supply needs until the year 2050.

#### Tucson Water's Long Range Plan will provide:

- ◆ Sustainable and flexible water supplies for the future.
- ◆ Water quality that meets our customers' expectations.
- ◆ Water security to protect our facilities and water quality.
- ◆ Water management that is flexible and cost-effective.
- ◆ A water system that is built to meet the needs of today and tomorrow.
- ◆ Financial planning that keeps your water affordable.
- ◆ The ability to meet the requirements of local, state and federal regulating agencies.



## What is a Water Resource Plan?

Water resource planning is a way to ensure that social, economic, environmental and technical issues are considered in the management and development of our water resources.

A **water demand projection** is developed using demographic trends and historic water use.

This demand projection is compared to a **review of our existing water supplies**. If existing supplies do not meet our forecasted needs, we need to begin seeking additional water supplies.

Water planners also look at our **water supply reliability**. This includes an analysis of the probability that a water supply shortage could occur and determines what could be done in the short term to reduce water demand if that happened.



Talking with customers about various water issues is an important part of Tucson Water's commitment to quality service.

Tucson Water then develops a number of water resource strategies to determine how we might obtain new water supplies, how to best use the supplies we have and those we have access to in the future, and how we can become more water efficient.

Financial Planning is needed to determine how water rates must change in the future to fund the needs of the Plan and still keep our water affordable.

Continuous Public Input is critical throughout the water planning process.



## *Other Factors Critical to Long Range Water Resource Planning*

*The Water Resource Plan also has to take into account institutional, regulatory and political constraints, some of which cannot be changed.*

## *Creating a Dialogue with our Customers*

*Tucson Water is committed to open and ongoing communication with our customers about the Long Range Plan and all other issues related to the services we provide to the community. This communication includes public information and education through presentations, newsletters, displays, public service announcements, our website and other methods. We also work to create opportunities for Tucson Water customers to share their ideas, insights, issues and concern with us.*

## *Creating a Dialogue with our Customers*

*Our community is fortunate to have three distinct water resources that can be used to meet the needs of its citizens. It's because of the foresight, careful planning, and hard work of a great many people over many years that we have this unique combination of groundwater, Colorado River water, and effluent available today. While our water resources are quite different in many respects, they have one thing in common – they are absolutely necessary to the survival of our community in this desert environment.*

**For more information about Tucson Water's Long Range Water Resource Planning, call us at 791-2666 or visit our web site at [www.cityoftucson.org/water](http://www.cityoftucson.org/water).**